

NOTES ON EASTERN AMERICAN SPECIES OF PENSTEMON

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The forthcoming publication of a taxonomic booklet on the eastern American species of Penstemon suggests the desirability of a few taxonomic and nomenclatural changes being published now. Most of these changes are in accord with ideas expressed to me by Dr. David D. Keck in a recent informal conversation.

Following the recommendation in Article 22 of the 1961 International Code of Botanical Nomenclature, the following changes in names of subdivisions of the genus Penstemon are published:

Subgenus Eupenstemon is changed to Subgenus Penstemon, Section Spermunculus to Section Penstemon, and Subsection Graciles to Subsection Penstemon. The three names Eupenstemon, Spermunculus, and Graciles were used by Dr. Keck in his Studies in Penstemon VIII, American Midland Naturalist Vol. 22, No. 1: 128-206. 1945.

P. laevigatus Solander, *P. digitalis* Nutt., *P. calycosus* Small, *P. alluviorum* Pennell, and *P. deamii* Pennell are combined into one species, as follows:

P. laevigatus Solander.

✓ ssp. *laevigatus*

P. laevigatus Solander, Ait., Hort. Kew. 2: 361. 1789.

✓ ssp. *digitalis* (Nutt.) Bennett. comb. nov.

P. digitalis Nutt., Sims in Bot. Mag. 52: pl. 2587. 1825.

✓ ssp. *calycosus* (Small) Bennett. comb. nov.

P. calycosus Small, Bull. Torrey Bot. Club 25: 470. 1898

✓ ssp. *alluviorum* (Pennell) Bennett. comb. nov.

P. alluviorum Pennell, Small, Man. S.E. Fl. 1203. 1933.

✓ ssp. *alluviorum* var. *deamii* (Pennell) Bennett. comb. nov.

P. deamii Pennell, Monograph No. 1, Acad. Nat. Sci. Phila. 212. 1935.

P. pallidus Small, *P. arkansanus* Pennell, and *P. multicaulis* Pennell are combined into one species, as follows:

P. pallidus Small

ssp. *pallidus*

P. pallidus Small, Fl. S.E. Un. St. 1060, 1337. 1903.

✓ ssp. *arkansanus* (Pennell) Bennett. comb. nov.

P. arkansanus Pennell, Proc. Acad. Nat. Sci. Phila. 73: 494. 1922.

P. multicaulis Pennell, in Proc. Acad. Nat. Sci. Phila. 73: 494. 1922.

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P. australis Small, *P. laxiflorus* Pennell, and *P. wherryi* Pennell are combined into one species, as follows:

P. australis Small

ssp. australis

P. australis Small, Fl. S.E. Un. St. 1060, 1337. 1903.

✓ ssp. laxiflorus (Pennell) Bennett. comb. nov.

P. laxiflorus Pennell, Monograph No. 1, Acad. Nat. Sci. Phila. 229. 1935.

P. wherryi Pennell, Monograph No. 1, Acad. Nat. Sci. Phila. 228. 1935.

P. wisconsinensis Pennell is reduced to a variety of *P. gracilis* Nutt., as follows:

P. gracilis Nutt.

✓ var. gracilis

P. gracilis Nutt., Gen. N. Amer. Pl. 2: 52. 1818.

✓ var. wisconsinensis (Pennell) Bennett. comb. nov.

P. wisconsinensis Pennell, Monograph No. 1, Acad. Nat. Sci. Phila., 234. 1935.

The following new varieties are published:

P. laevigatus Solander ssp. digitalis (Nutt.) Bennett

var. angustus Bennett, var. nov.

A subsp. digitali caulibus dimidio minoribus (ca. 40 cm. longis) et foliis multo minoribus et angustioribus (ca. 2 cm. latis) differt.

P. hirsutus Willdenow

var. hirsutus

P. hirsutus (L.) Willd., cur. L., Spec. Plant. ed. IV. 3: 227. 1800.

✓ var. pygmaeus Bennett, var. nov.

A var. hirsuti caulibus decumbentibus differt.